

Haowen Liu

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Education

2018-01 - 2020-12 **The Ohio State University, Columbus, OH**
B.S Computer and Information Science
Dean's List 2018-2019
Overall GPA 3.89

2016-08 - 2017-12 **Syracuse University, Syracuse, NY**
B.S Computer Science
Overall GPA: 3.75

Related Experience

2016-11 - 2016-12 **Game Design Project**
• Designed a traditional Chinese card game utilizing Java

2019-03 - 2019-04 **Web Application Design**
• Designed a web application would help streamline the workflow of department hiring teaching assistants and ensure some consistency in the information

2019-05 - 2019-08 **Technology Summer Analyst**
BNP Paribas
• Developed an application including a website to automates the workflow of monthly department reports.

Technical Skills

Programming experience with Python, Java, C, Ruby on Rails, Assembly, JavaScript, HTML
UNIX/Linux
Microsoft Office(Word, Powerpoint, SharePoint)

Coursework

Software development & Web-application design
Data Structures and Algorithms
Computer Organization and Computer System

Publications

2019-05 Zhang, Y., Liu, H., Rosen, P., & Hajij, M. (2019). Mesh Learning Using Persistent Homology on the Laplacian Eigenfunctions. arXiv preprint arXiv:1904.09639.

Activities

2018-09 - 2018-12 **Scientific Thinker Program**
Helping elementary students understand science by engaging them in hands-on activities